NAVIPAD V3 USER MANUAL

Table Of Contents

1. Welcome 3
Settings 3
   1.1 Speed Format 3
   1.2 Distance Format 3
   1.3 Display Route Data 3
   1.4 Auto Change Charts 3
   1.5 GPS Error Margin 4
   1.6 Visual Aid 4
   1.7 Direction Beam 4
   1.8 Disable Screen Saver 4
   1.9 Internet Sync Interval 4
   1.10 Auto Rotation 4
   1.11 Boat Size (feet) 4
   1.12 Use Cache 4
2. Menu 4
   2.1 Charts 5
   2.2 Chart DL 5
   2.3 Messages 5
   2.4 Weather 6
   2.5 Share 6
   2.6 Routes 6
   2.7 Find Me 7
   2.8 Rotate Chart 7
3. Route Planning 7
4. Location Indicator 7
5. Login / Register 8
   5.1 Login 8
   5.2 Register 8
6. Add BSB/KAP files to NaviPad using iTunes 8
7. NaviPad Editions 9
   7.1 NaviPad 9
   7.2 NaviPad Free 9
   7.3 NaviPad US 10
8. Change log 11

1. Welcome

Welcome to the 3rd version of NaviPad.
Version 3 has been completely rewritten since version 2 was released.

This version features:

- Smoother scrolling
- Faster chart loading
- Better GPS data collection
- Centrally stored routes
- Separation of manual routes and GPS recorded routes
- Automatically changes charts if a better one exists (not only when leaving a chart)
- More settings
- Users manual
- And more …

All of this is explained later in this document.

NOTE: As soon as you perform a manual scroll on a chart when navigating NaviPad will stop tracking your movements and will not switch charts any more. Reset this behavior by selecting the "Find Me" icon in the menu.

NaviPad only supports BSB/KAP files. No chart files are included (US charts can be downloaded in the app).

To report bugs or suggestions just send an email to info@divdev.se

Settings

Settings are from version 3 and on reached from iPhone/iPad settings.
To access the settings select Settings, scroll down to the apps and select the appropriate NaviPad edition (NaviPad, NaviPad Free or NaviPad US).
Settings Include:

1.1 Speed Format

Select between knots, km/h, mph.

1.2 Distance Format

Select between nautical miles, km, miles.

1.3 Display Route Data

Select whether or not to display route data. This includes both planned/stored routes and GPS trail.

1.4 Auto Change Charts

Set to "On" if you would like NaviPad to automatically change charts if a better

suited one exists. (for example a detailed chart region)

1.5 GPS Error Margin

If set to “On” a blue circle indicating the GPS error margin will be displayed around your sprite.

1.6 Visual Aid

If set to “On” a red circle will surround your sprite which makes it easier to spot on the chart

1.7 Direction Beam

If set to “On” a blue beam will be displayed in your travelling direction.

1.8 Disable Screen Saver

If set to “On” the device’s screen saver will be disabled when NaviPad is running.

1.9 Internet Sync Interval

Set how often you would like NaviPad to send and receive data from the internet.

1.10 Auto Rotation

If you would like your iPad/iPhone not to rotate it’s screen when the device is rotated; set this to “Off”

1.11 Boat Size (feet)

Set this value to your boat size in feet. NaviPad will then calculate which size the sprite should be drawn on the current chart. This will more accurately tell you where you are on the chart. You can switch to the old sprite size just by clicking it on the chart.

1.12 Use Cache

If disabled NaviPad wont store any temporary data. Should only be used if your device is running out of disk space or if you are experiencing problems with some charts.

2. Menu

The menu is reached from the main screen by pressing the menu icon in the lower left corner of the navigation screen.

2.1 Charts

Selecting “Charts” will allow you to change and manage your charts. To delete a chart from this list, simply swipe your finger from left to right on the chart you would like to delete and select “Delete”.
The charts are grouped by whether they are usable in your current location or not.
To add charts manually use iTunes (how to do this is explained later on).

2.2 Chart DL

Selecting “Chart DL” will allow you to download US charts (only US charts at the moment). This feature costs extra (pre-enabled in NaviPad US edition).
To download a region of charts simply select a region (*available regions are: “Block Island, RI to the Canadian Border”, “New York to Nantucket and Cape May, NJ”, “Chesapeake and Delaware Bays”, “Norfolk, VA to Florida including the ICW”, “Florida East Coast and the Keys”, “Florida West Coast and the Keys”, “Puerto Rico and the U.S. Virgin Islands”, “Southern California: Point Arena to the Mexican Border”, “Lake Michigan”, “San Francisco to Cape Flattery”, “Pacific Northwest: Puget Sound to the Canadian Border”, “Mobile, AL to the Mexican Border”, “Lake Superior and Lake Huron (U.S. Waters)”, “Lake Erie (U.S. Waters)”, “Lake Ontario (U.S. Waters)”, “Southeast Alaska”, “South Central Alaska: Yakutat to Kodiak”, “Alaska: The Aleutians and Bristol Bay”, “Alaska: Norton Sound to Beaufort Sea”, “Hawaiian Islands and U.S. Territories”*).
The fee for downloading charts is a one-time fee that you can use on all your devices.

2.3 Messages

Contains your conversations with other NaviPad users.

2.4 Weather

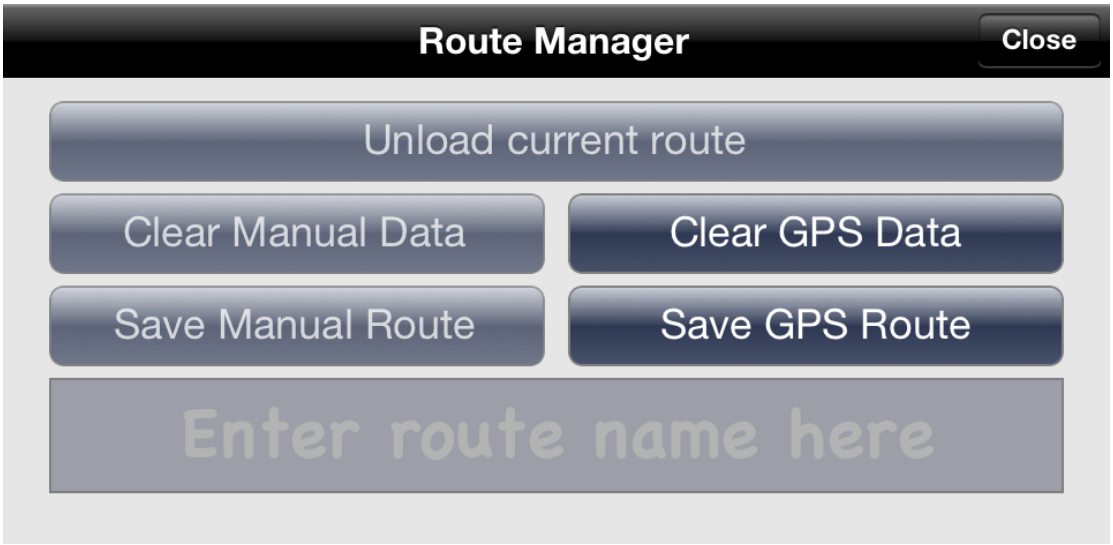
Simple weather forecast, that presents the weather for the next couple of days for your current location.

2.5 Share

Share your favorite locations with other users. Can be used to mark location as good fishing waters, fuel station, facilities and restaurants. A photo can be attached if your device has a camera.

2.6 Routes

The route manager is used for saving, deleting and managing your routes.
To clear your GPS recorded data: select “Clear GPS Data”. This will remove the GPS recorded trail behind your sprite.
To save the data instead: enter a route name in the text box where it says “Enter route name here” and select “Save GPS Route”. The new route will be pre-selected and this is indicated in your navigation view that the trail has changed color from blue to red.
A Manually planned route can be saved or cleared in the same way but by using the “Clear Manual Data” and “Save Manual Route” instead.



Load a route by selecting it. This will close down the “Route Manager” and display the route on the current chart.

Other functions represented by icons are:

Export the route as KML file, which can be downloaded from your device using iTunes.

Open the route in a web browser.

Open the route and the most suitable chart file to view the route

2.7 Find Me

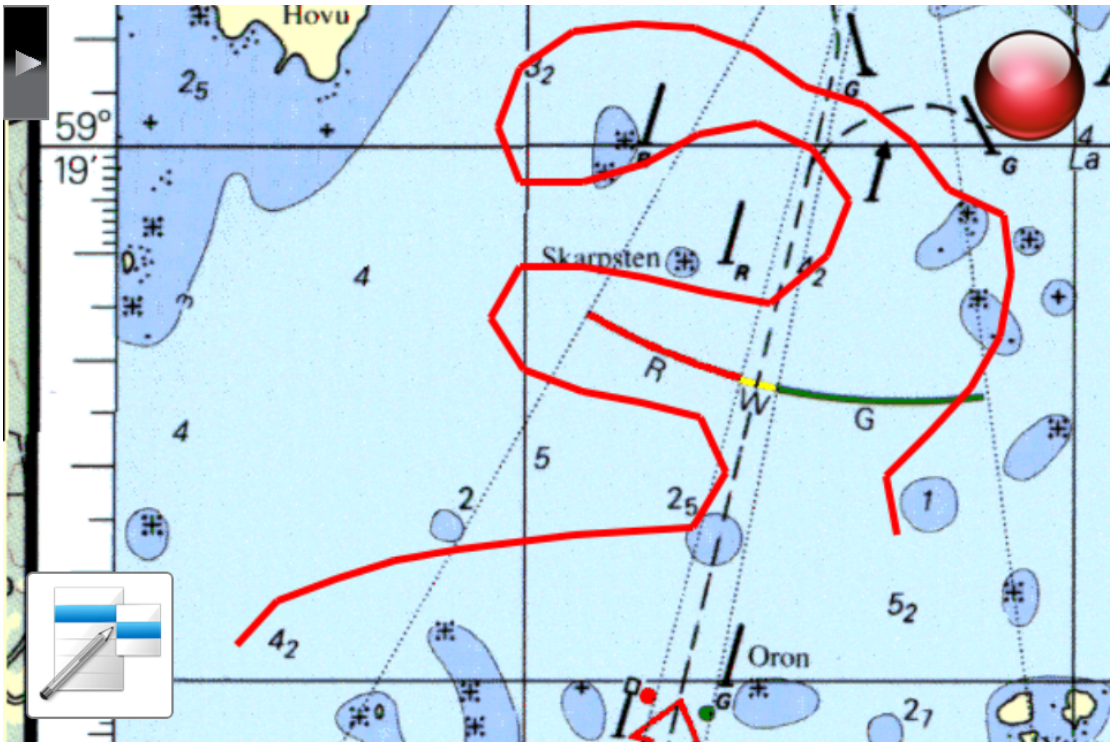
By selecting “Find Me” in the menu NaviPad will reset any manual scrolling done, making the system track your movements again and changing charts automatically (if enabled in settings).

2.8 Rotate Chart

If enabled then NaviPad will rotate the chart instead of your sprite. This makes it a lot easier to follow a pre-defined/recorded route. The menu will display either “On” or “Off” depending on if the functions is enabled.

3. Route Planning

To manually plan a route: Hold your finger (without scrolling) on a chart until a red record route indicator appears in the upper right corner of the devices screen.



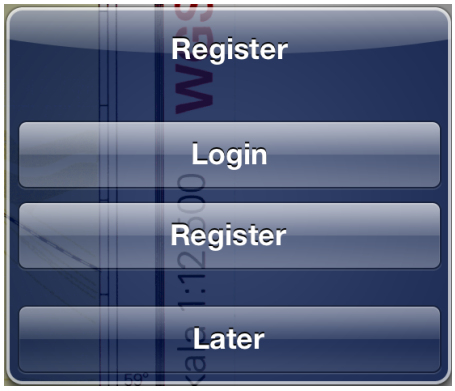
When the red light is on just draw the way you want to travel. The route can be cleared or saved in “Routes”

4. Location Indicator

The location indicator containing your current location, speed and course can be hidden and displayed by clicking the arrow on the right side of the indicator. The distance of the loaded route (Route Dist) and the distance of the GPS recorded route (GPS Dist) are also displayed.

5. Login / Register

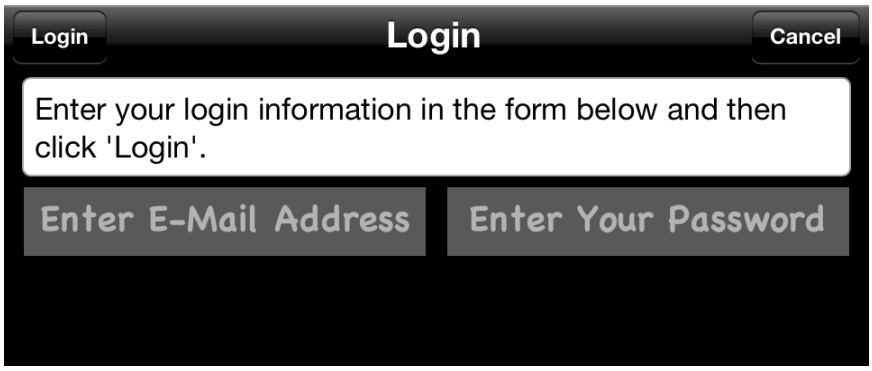
If you start NaviPad and no user id is registered on the device You will be presented with a choice to login or register.
Select “Login” if you already have an account registered and would like to use that one.
Select “Register” if you would like to register a new account.
Selecting “Later” will remind you at a later time.



Remember that registering will enable more features

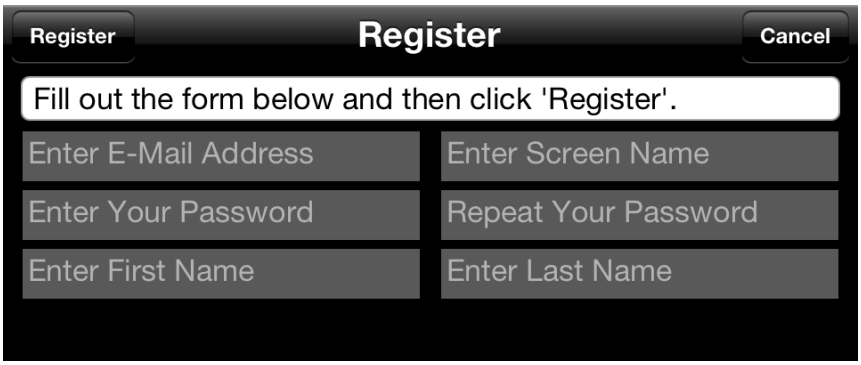
5.1 Login

Enter your email address and the password you created your account with and select “Login”.



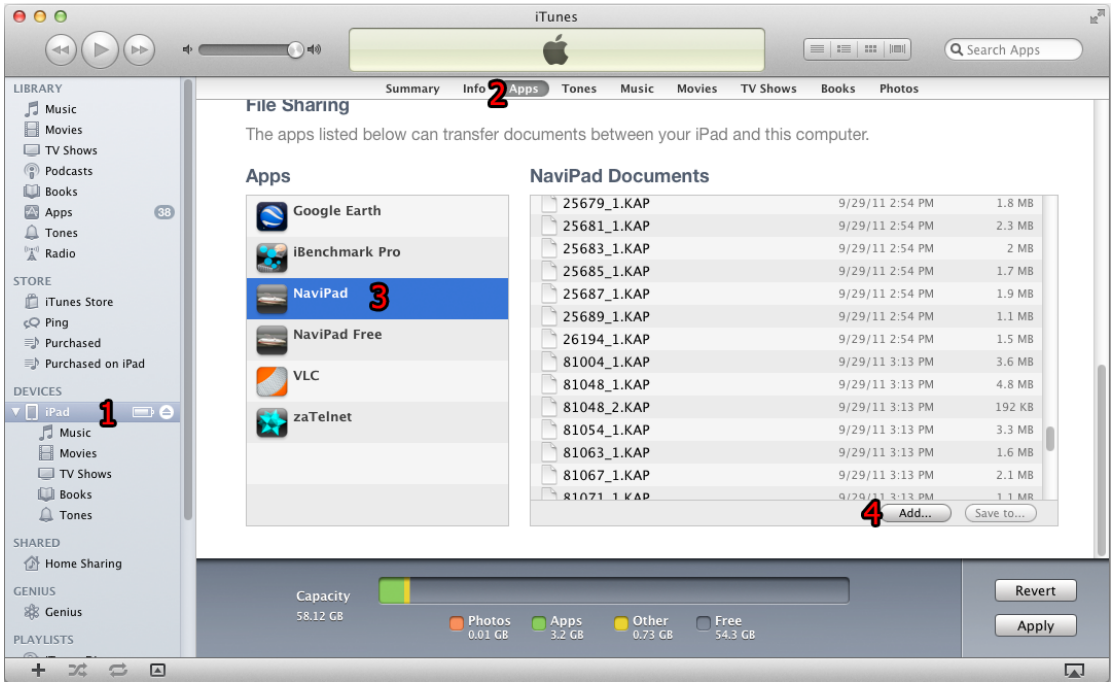
5.2 Register

Create a new account by filling out the registration form. All fields but “First Name” and “Last Name” are mandatory. “Screen Name” is the name that will be visible to other users.



6. Add BSB/KAP files to NaviPad using iTunes

Connect your device to your computer and start iTunes.



1. Select your device to the left
2. Select “Apps” from the top bar in iTunes
3. Select NaviPad from the list of Apps in the “File Sharing” section
4. Select “Add…”
    a. This will open a file browser. Browse to the chart files on your hard drive, select the files you wish to add to NaviPad and select Ok.

This is where the exported KML files are stored as well.

7. NaviPad Editions

7.1 NaviPad

Includes all functionality except from US chart downloader, which can be enabled in the application.

iTunes URL:
http://itunes.apple.com/us/app/navipad/id433172206?ls=1&mt=8

7.2 NaviPad Free

A free version of NaviPad that is a bit slimmer in functionality. Can be upgraded to the full version from within the app.

iTunes URL:
http://itunes.apple.com/us/app/navipad-free/id449856283?ls=1&mt=8

7.3 NaviPad US

Full version of NaviPad where the US Chart downloader is pre-activated.

iTunes URL:
http://itunes.apple.com/us/app/navipad-us/id510027717?ls=1&mt=8

8. Change log

Version 3.0.7

- Route and GPS distances displayed in the location view
- Rotate charts instead of your sprite (makes it easier to follow a route)
- Better chart handling
- Improved performance when drawing routes
- Minor bug fixes
- Minor UI updates

Version 3.0.6

- Much faster chart decompression
- Less temporary space used
- Possibility to turn off caching (no temporary space used)

Version 3.0.5

- Set your boat size in settings which draws your sprite more accurately on the charts

Version 3.0.4

- FIX: App crashed when decoding some charts

Version 3.0.3

- FIX: Minor positioning bug
- FIX: “Find Me” acted strange when a chart change is needed
- Change charts by scrolling too far

Version 3.0.2

- Indicate which chart is in use in “Chart Selection”
- FIX: Positioning bug on charts with many reference points
- FIX: Network bug

Version 3.0.1

- Fix: Some charts appeared distorted

Version 3.0.0

- The first release of NaviPad v3